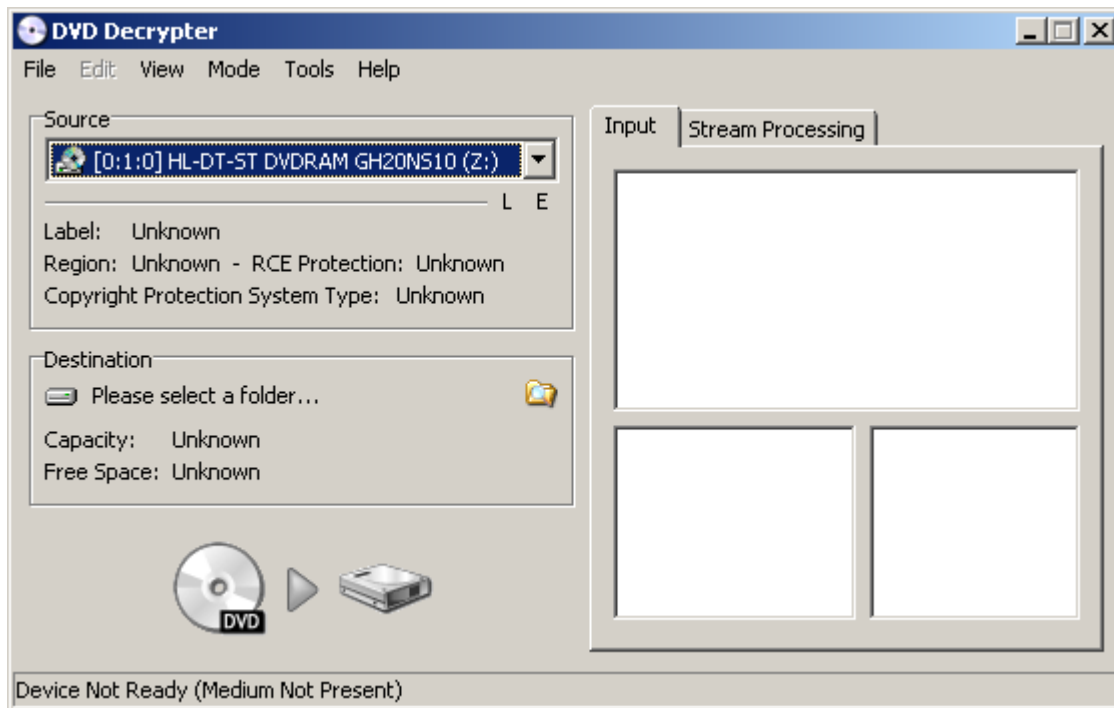
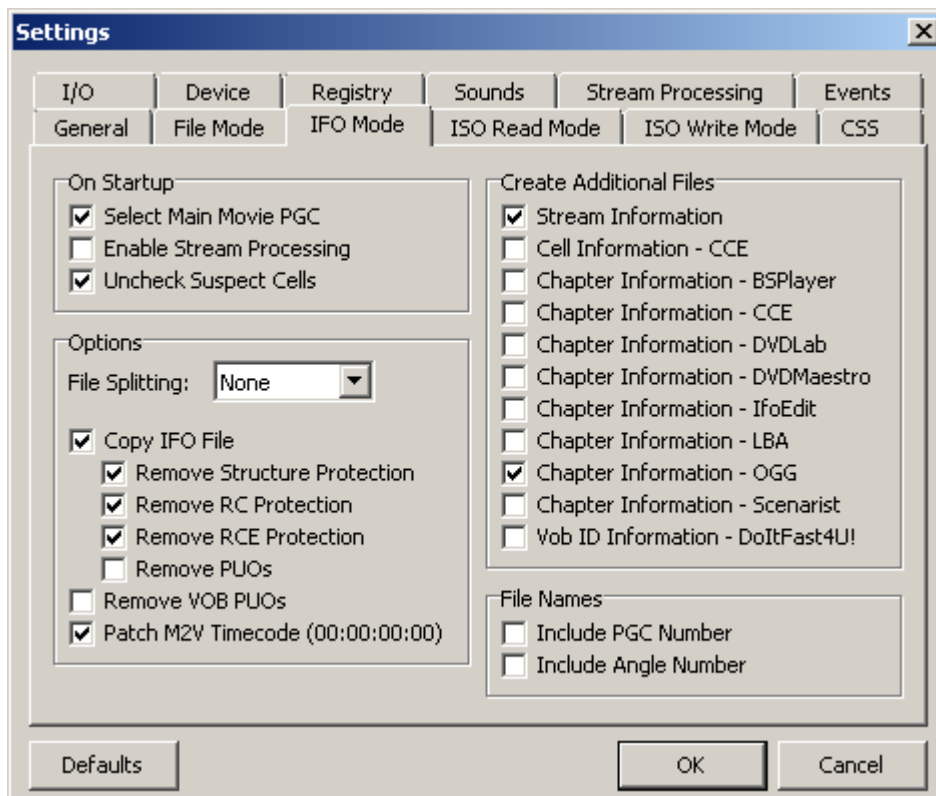


## Copying a DVD to your hard disk so you can use it for encoding.

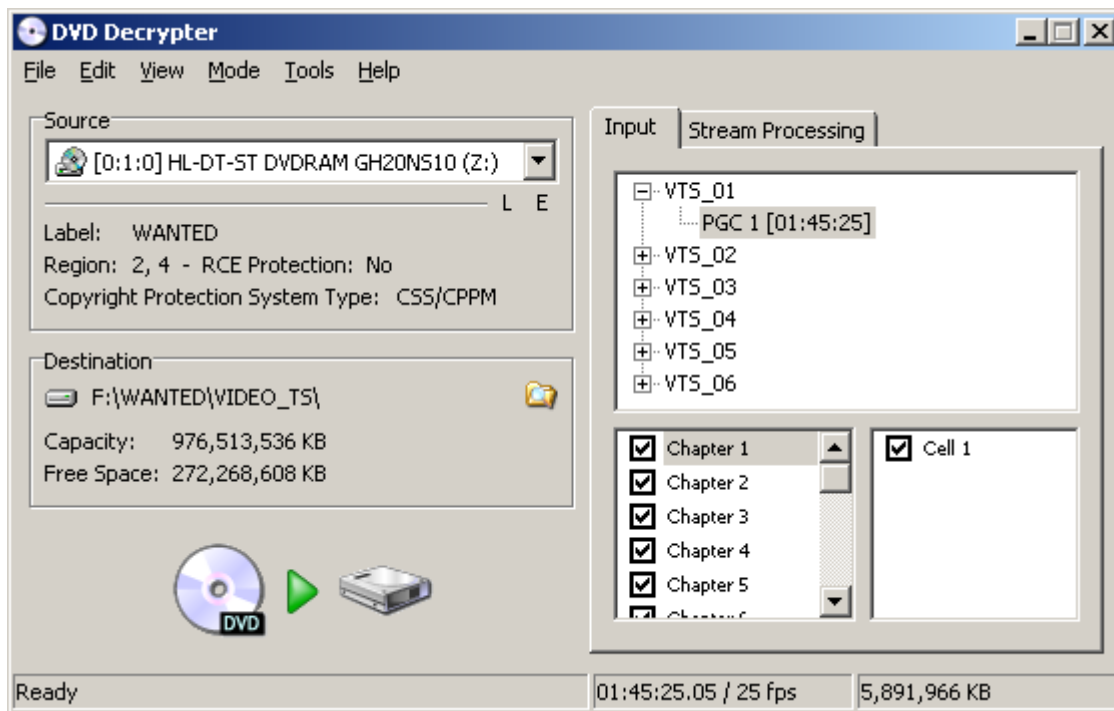
The one tool you need to do so is DVD Decrypter. The latest version is 3.5.4.0. It is no longer being developed but you should be able to find it without much trouble. When you start it it looks like this:



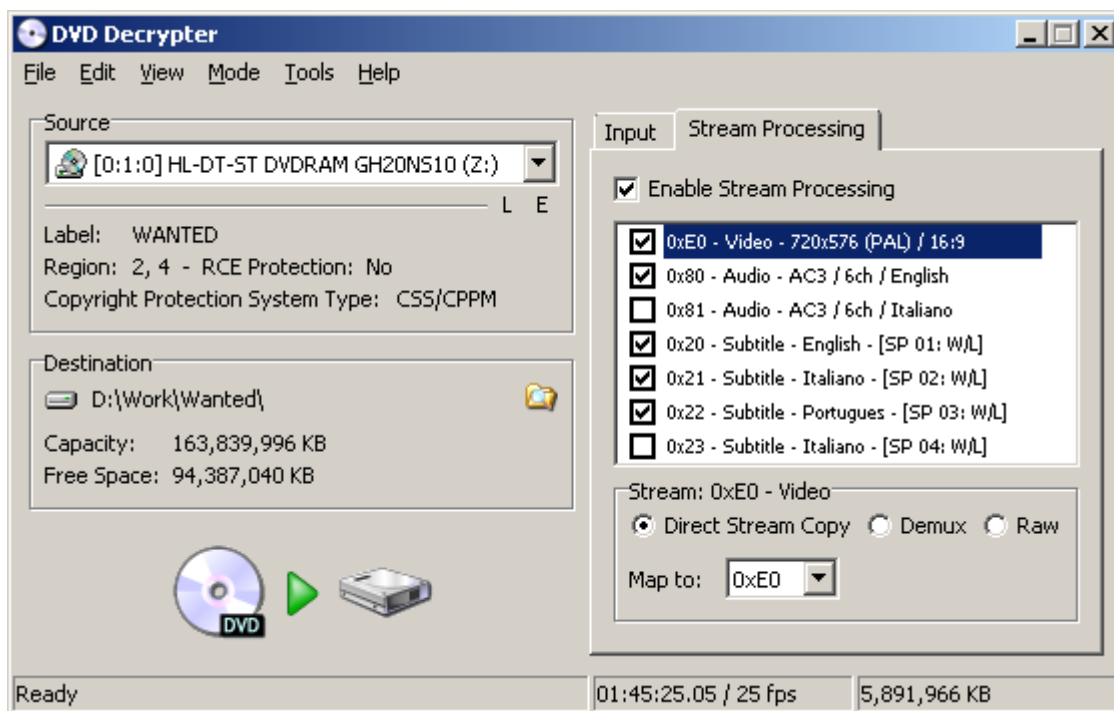
To start with, go to **Tools->Settings**, select the tab **IFO Mode** and set like this, then click OK:



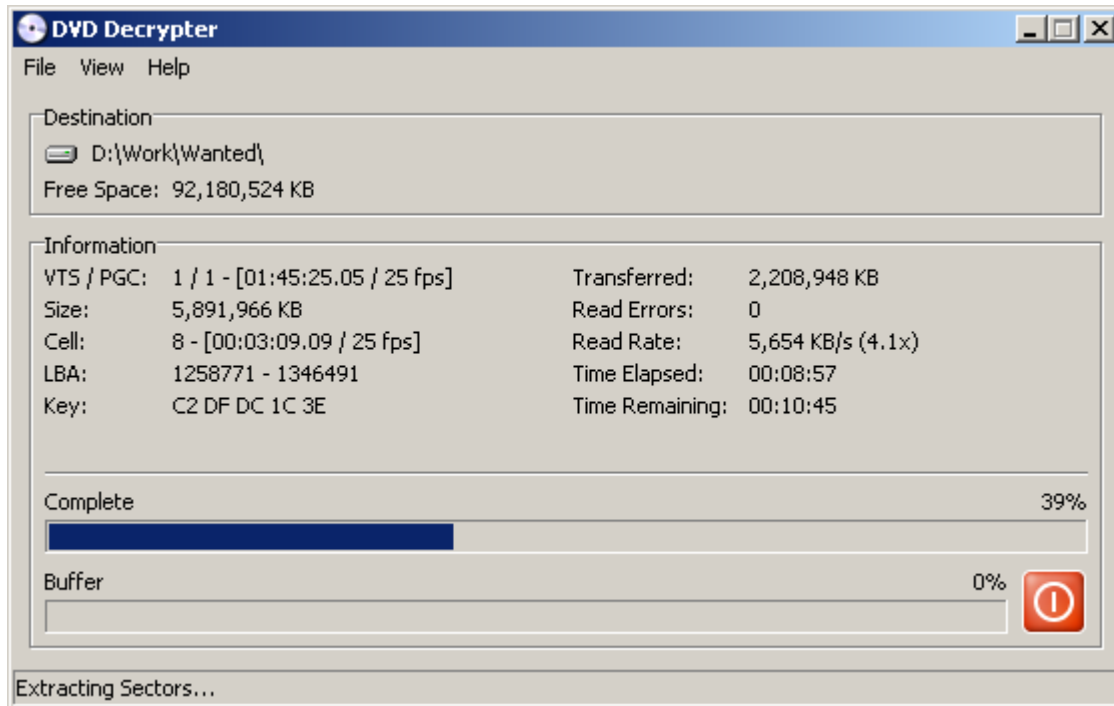
Now you are ready to start copying/decrypting. Make sure that in the menu **Mode->IFO** is selected. Put in the DVD that you want to encode and select the correct **Source** from the pull-down menu near the top. DVD Decrypter will read the contents and display them on the right:



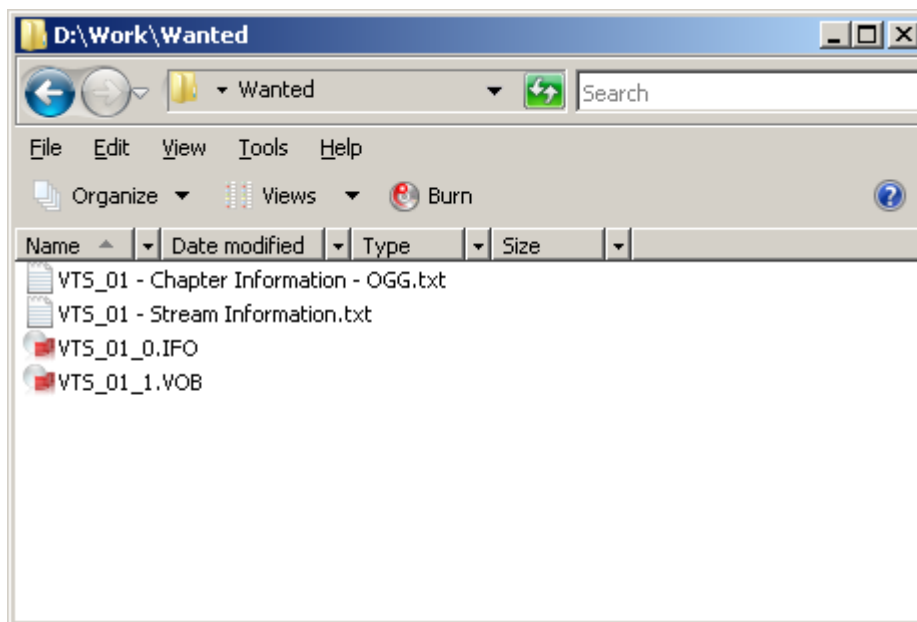
It will automatically select the main feature. Click on the tab **Stream Processing**. There check the check box for **Enable Stream Processing** and select the audio and subtitle tracks that you would like to include in your encode. Also set the correct destination path.



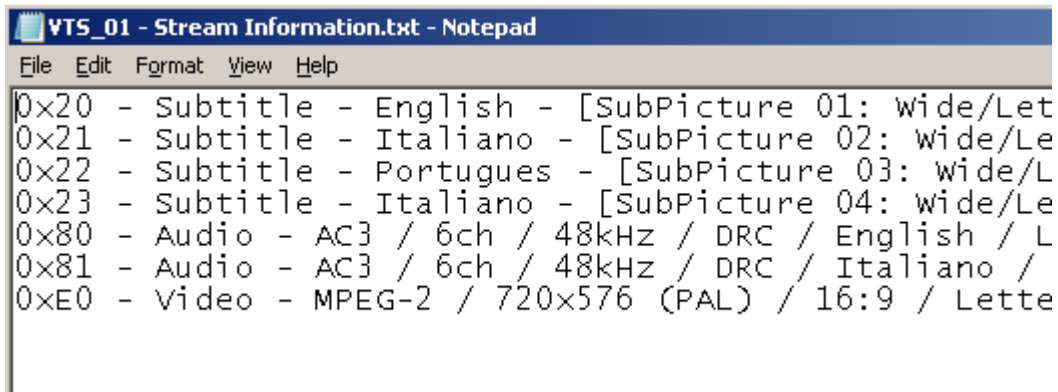
Start the copy by clicking the big button bottom left.



Depending on your HW and the size of the movie this can take anywhere between 10 and 45 minutes. The result will consist of four files:

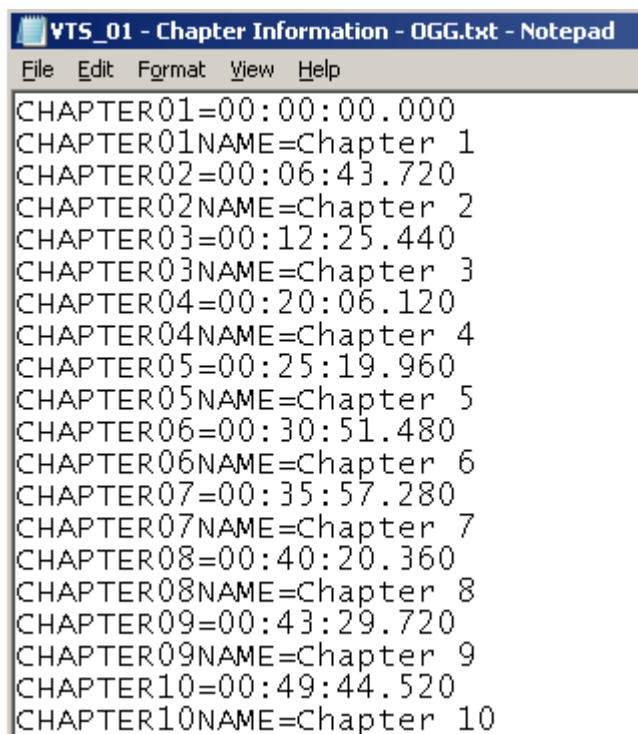


The **VOB** file contains your video, audio and subtitles. The **IFO** file contains index information for the VOB file. These two files should always be kept together. The **Stream Information.txt** file contains information on the video, audio and subtitles in the VOB file, readable to humans. You will need this information later on in the process. Here's an example of the stream text file:



```
VTS_01 - Stream Information.txt - Notepad
File Edit Format View Help
0x20 - Subtitle - English - [SubPicture 01: wide/Let
0x21 - Subtitle - Italiano - [SubPicture 02: wide/Le
0x22 - Subtitle - Portugues - [SubPicture 03: wide/L
0x23 - Subtitle - Italiano - [SubPicture 04: wide/Le
0x80 - Audio - AC3 / 6ch / 48kHz / DRC / English / L
0x81 - Audio - AC3 / 6ch / 48kHz / DRC / Italiano /
0xE0 - Video - MPEG-2 / 720x576 (PAL) / 16:9 / Lette
```

The **Chapter Information –OGG.txt** file contains chapter and timing information, you will need this file later on in the process as well. Here's an example of the chapter text file:



```
VTS_01 - Chapter Information - OGG.txt - Notepad
File Edit Format View Help
CHAPTER01=00:00:00.000
CHAPTER01NAME=Chapter 1
CHAPTER02=00:06:43.720
CHAPTER02NAME=Chapter 2
CHAPTER03=00:12:25.440
CHAPTER03NAME=Chapter 3
CHAPTER04=00:20:06.120
CHAPTER04NAME=Chapter 4
CHAPTER05=00:25:19.960
CHAPTER05NAME=Chapter 5
CHAPTER06=00:30:51.480
CHAPTER06NAME=Chapter 6
CHAPTER07=00:35:57.280
CHAPTER07NAME=Chapter 7
CHAPTER08=00:40:20.360
CHAPTER08NAME=Chapter 8
CHAPTER09=00:43:29.720
CHAPTER09NAME=Chapter 9
CHAPTER10=00:49:44.520
CHAPTER10NAME=Chapter 10
```

Now you have all the files you initially need to start your encoding process. These files will be your base. Next step will be to extract the audio and subtitle streams from the VOB file for separate processing. See the other chapters for that.

Please note that this copy/decrypt process is identical for both NTSC and PAL DVDs.